

ABSTRACT

An optical disk apparatus has
an optical head having: lens means of converging light
from a light source onto an optical disk; and a photodetector
for detecting the light thus converged and then reflected from
the optical disk;

tracking error signal generating means of generating a
tracking error signal in order to perform tracking control on
the basis of the detected light;

detecting means of detecting a disk tilt DT indicating
the amount of tilt of the optical head relative to the optical
disk; and

calculating means of calculating a lens shift LS indicating
the amount of shift of the lens means relative to the optical
head, according to a predetermined rule on the basis of the
generated tracking error signal and the detected disk tilt DT.